

LAHIVE  
&  
COCKFIELD  
LLP

COUNSELLORS AT LAW  
28 STATE STREET  
BOSTON, MASSACHUSETTS 02109-1784  
TELEPHONE (617) 227-7400  
FAX (617) 742-4214  
www.lahive.com

JOHN A. LAHIVE, JR. (1928-1997)  
THOMAS V. SMURZYNSKI  
GIULIO A. DeCONTI, JR.  
ELIZABETH A. HANLEY  
AMY BAKER MANDRAGOURAS  
ANTHONY A. LAURENTANO  
KEVIN J. CANNING  
JANE E. REMILLARD  
DeANN FORAN SMITH  
DEBRA J. MILASINIC, Ph.D.  
WILLIAM A. SCOFIELD, JR.  
SIBLEY P. REPERT  
DAVID R. BURNS  
JOHN S. CURRAN  
SEAN D. DETWEILER  
MEGAN E. WILLIAMS, Ph.D.  
HATHAWAY P. RUSSELL \*  
MARIA LACCOTRIPE ZACHARAKIS, Ph.D.

DANIELLE L. HERRITT  
EUIHOON LEE \*\*  
MANEESH GULATI  
CYNTHIA M. SOROOS  
PETER W. DINI, Ph.D.  
MICHAEL J. BASTIAN, Ph.D.  
CHRISTOPHER J. McKENNA  
VINCENT P. LOCCISANO  
JAMES M. McKENZIE

SENIOR COUNSEL  
JAMES E. COCKFIELD

OF COUNSEL  
JEREMIAH LYNCH  
JEANNE M. DIGIORGIO  
CYNTHIA L. KANIK, Ph.D.  
JOHN D. LANZA

1743  
PATENT AGENTS  
JONATHAN M. SPARKS, Ph.D.  
ANDRINA WILLIAMS ZINK  
CRISTIN E. HOWLEY, Ph.D.  
JILL ANN MELLO, Ph.D.  
CHRISTOPHER E. DRABIK

TECHNICAL SPECIALISTS  
CATHERINE M. BISHOP  
JACOB G. WEINTRAUB  
DEBORAH L. NAGLE, Ph.D.  
ANNE JACQUELINE WIZEMAN, Ph.D.  
BRIAN C. TRINQUE, Ph.D.  
CHRISTOPHER R. COWLES, Ph.D.  
JAMES H. VELEMA  
W. ELANA WANG  
CYNTHIA M. GILBERT

\* Admitted in TX only  
\*\* Admitted in CT only

December 13, 2004

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Re: U.S. Patent Application No. 10/028,852  
For: *MICROFLUIDIC SYSTEM INCLUDING A VIRTUAL WALL FLUID  
INTERFACE PORT FOR INTERFACING FLUIDS WITH THE  
MICROFLUIDIC SYSTEM*  
Inventors: Sebastian Bohm, *et al.*  
Filed: December 21, 2001  
Our Ref. No.: TGZ-001A

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

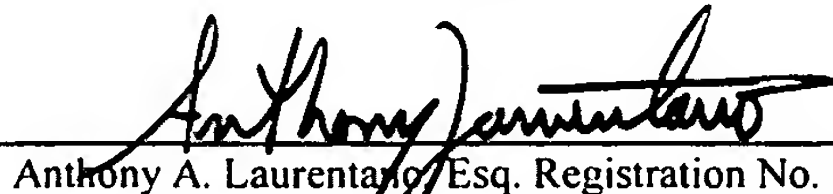
1. Supplemental Information Disclosure Statement;
2. PTO Form SB/08;
3. Copies of references cited in PTO Form SB/08 (4);
4. A copy of the International Search Report; and
5. A Return Postcard.

No additional costs are believed to be due in connection with the filing of this Supplemental Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

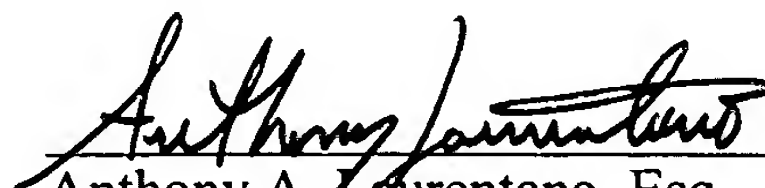
I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to:  
MS Amendment, Commissioner for Patents, P.O. Box 1450,  
Alexandria, Virginia 22313-1450 on:

December 13, 2004

Date

  
Anthony A. Laurentano Esq. Registration No. 38,220

Respectfully submitted,  
LAHIVE & COCKFIELD, LLP

  
Anthony A. Laurentano, Esq.  
Registration No. 38,220  
Attorney for Applicants



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Sebastian Bohm *et al.*

Serial No. 10/028,852

Filed: December 21, 2001

For: *MICROFLUIDIC SYSTEM INCLUDING A  
VIRTUAL WALL FLUID INTERFACE PORT FOR  
INTERFACING FLUIDS WITH THE  
MICROFLUIDIC SYSTEM*

Attorney Docket No. TGZ-001A

Group Art Unit: 1743

Examiner: Brian J. Sines

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

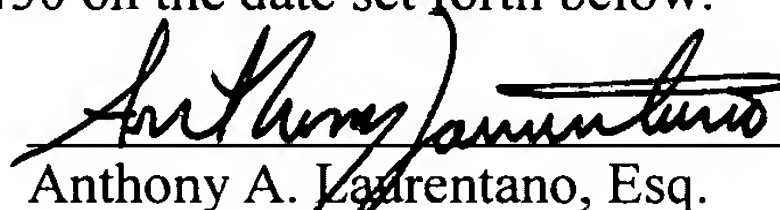
Certificate of First Class Mailing (37 CFR §1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on the date set forth below.

December 13, 2004

Date of Signature and of Mail Deposit

By:



Anthony A. Laurentano, Esq.

Reg. No. 38,220

Attorney for Applicants

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

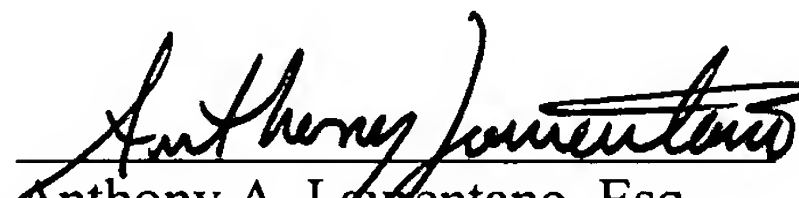
Applicants and their Attorney have become aware of the following publications and information, cited in an International Search Report dated September 30, 2004 during the prosecution of EP 02 73 7579 which relates to the above referenced application. In accordance with 37 CFR §1.97, Applicants hereby submit these publications for the Examiner's consideration. These publications are cited on the enclosed PTO Form SB/08, and a copy of the Report and each publication cited thereon are enclosed as well.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, the Applicants understand that the Examiner will make an independent evaluation of the cited publications.

In accordance with 37 CFR §1.97(e)(1), the undersigned hereby certifies that each item contained in this Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application *for the first time* not more than three months prior to the filing of this statement.

No additional costs are believed to be due in connection with the filing of this Supplemental Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080.

Respectfully submitted,  
LAHIVE & COCKFIELD, LLP

  
Anthony A. Laurentano, Esq.  
Registration No. 38,220  
Attorney for Applicants

28 State Street  
Boston, MA 02109  
(617) 227-7400

Date: December 13, 2004

EAH/AAL/CMB/les  
Enclosures



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/028,852
				Filing Date	December 21, 2001
				First Named Inventor	Sebastian Bohm
				Art Unit	1743
				Examiner Name	Brian J. Sines
Sheet	1	of	1	Attorney Docket Number	TGZ-001A

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	E1	6,086,825	07-11-2000	Sundberg, <i>et al.</i>	
	E2	6,110,332	08-29-2000	Swierkowski	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	E3	WO 99/15876 A1	04-01-1999	Aclara Biosciences Inc.		
	E4	WO 00/58724 A1	10-05-2000	Ecole Polytech		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--